



COPY OF PAPERS  
ORIGINALLY FILED

PATENT  
PD-Y01-028

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: CHRIS J. CAVANAUGH  
Serial No.: 09/932,018  
Filed: August 18, 2001  
For: UNIVERSAL HOLDING FIXTURE

Date: January 11, 2002  
Group Art Unit: 3723  
Examiner: Lee Wilson

AMENDMENT

Commissioner of Patents and Trademarks  
Washington, D. C. 20231

Sir:

In response to the Office Action mailed December 19, 2001, please amend the above-identified patent application as follows.

IN THE SPECIFICATION

Please amend the paragraph at page 4, starting at line 34, to read as follows.

A1  
A third dual axis clamp 14b is slidably secured to each of the third rods 21. Each third dual axis clamp 14b may be moved or slid along the third rod 21, independently rotated around the third rod 21, and secured in the moved and rotated position. Each of the third dual axis clamps 14b also secures a fourth rod 23 that is aligned substantially orthogonal to the third rod 21. Rotation of each fourth rod 23 and third dual axis clamp 14b around the axis of the third rod 21 positions the fourth rod 23 at any desired angle. Each of the third rods 21 may have a resilient member 17 attached to ends thereof that contact a workpiece.

Please amend the paragraph at page 5, starting at line 5, to read as follows.

A2  
A fourth dual axis clamp 14c is slidably secured to each of the fourth rods 23. Each fourth dual axis clamp 14c may be moved or slid along the fourth rod 23, independently rotated around the fourth rod 23, and secured in the moved and rotated position. Each of the fourth dual axis clamps 14c also secures a fifth rod 25 that is aligned substantially orthogonal to the fourth rods 23. Rotation of the fourth dual axis clamps 14c around the axis of each fourth rod 23 positions the fifth rod 25 at any desired angle.

IN THE CLAIMS

Please amend the following Claims to read as indicated.

Sub C1  
A3  
5  
1. A universal holding fixture for holding an object, comprising:  
a plurality of dual axis clamps that are each rotatable, slidable and securable to two rods to form an articulated structure, which rods and clamps are rotatable and slidable relative to each other to position the rods at varying and arbitrary angles relative to each other, and wherein selected rods are suitably positioned and secured to hold the object.